

ABSTRACT OF THE DISCLOSURE

A head assembly for presenting a three layer material flow includes primary and secondary housings for presenting a first interior layer and a second intermediate layer of the three layer flow. A downstream melt distributor melds the first and second material layers into a combined material flow for deposit of a third exterior layer about the combined flow. The melt distributor includes a sinuous channel for directing the material of the outer layer into points of discharge about the combined material flow. A scroll-like distributor communicates with the discharge points for directing the third material into an annular path about the combined flow, and a subsequent melding of the third material with the combined flow. The resulting three layer flow is directed to a downstream die assembly.